GTE

GTE Service Corporation
1850 M Street. N.W., Suite 1200
Washington, DC 20036
202 463-5200

MAY 3 0 1995

May 30, 1995

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
Washington, DC 20554

RE: *Ex Parte* Filing - CC Docket No. 92-256 (GTE ONA)

Dear Mr. Caton:

The following responses and materials were prepared by Mike Drew of GTE at the request of Ms. Rose Crellin during the March 10, 1995 meeting in the above matter.

1. Q. What files/data bases will be restricted via the Password ID requirement (due April 4, 1996)? Identify the files, give a description of the files, their purpose and why GTE will or will not restrict access.

A. Attachment A contains a summary of GTE's files/data bases that contain complete and/or partial CPNI and the purpose of their primary use.

As noted in the attachment, access to most of these files/data bases is currently limited via User ID/Password. This level of security limits on-line access into the files/data bases by the sales representatives, but does not give the level of security of denying total access to restricted CPNI accounts as desired by the Commission. GTE's current process of identifying restricted accounts is via a "CPNI Restricted" notice on the account which signifys to the representative that can sell enhanced services that they cannot handle the call.

As identified in GTE's ONA Implementation Plan (GTE's ExParte dated April 14, 1995), GTE plans to apply the additional level of Password ID security capability to its primary databases used by GTE personnel engaged in the sale of enhanced services. GTE will implement this additional password protection, which limits access to restricted CPNI accounts, for the following files/data bases:

   a) Service Order Records Computer Entry System ("SORCES")
   b) Service Order Load And Retrieval ("SOLAR")
   c) Customer Marketing and Service System ("CMSS")

No. of Copies rec'd
List A B C D E

2. Q. Revised 3-year ONA Services Deployment Report.

A. Attachment B contains GTE's revised 3-year ONA Services Deployment Report. The report has been revised upon correction of the programming errors which were explained in GTE's ExParte dated March 13, 1995.

The above items complete the additional information requested of GTE and should facilitate approval of its Open Network Architecture Plan. Please call me at (202) 463-5291 if you need anything further.

Two copies of this Notice are hereby filed with the Secretary of the Commission in accordance with Section 1.1206(a)(2) of the Rules. Please include this letter in the record of this proceeding.

Sincerely,

F. Gordon Maxson
Director - Regulatory Affairs

C: Ms. Rose Crellin

Attachments (2)

GTE Files/Databases Containing Complete or Partial CPNI

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
ACG Access Customer Gateway	Allows access customers on-line access to their own data	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID/Password restricts customer access to their own specific database
BILLSTAR	Print archive of old bills	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
BUCU Business Customer	Business Customer Marketing Info	Services and Equipment, Customer number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, In-service quantities, Customer contract information (CPE only), Feature equipment information, Monthly rates	User ID/Password restricted to major accounts sales personnel
BVT Billing Voucher and Treatment	Billing verification and adjustment	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	Infrequent use, sales personnel will call non-aggressive support personnel
CABS Carrier Access Billing System	Access Billing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Total billed revenue, Usage data, Monthly rates	User ID/ Password restricted to non-sales personnel

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
CBAS Customer Billing Access System	Front end to BVT	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	Infrequent use, sales personnel will call non-aggressive support personnel
CBIS/OMAR Customer Billing and Information System	California account records systems	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Customer contract information, Feature equipment information	User ID

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
CBSS Customer Billing Services System	End User Billing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID/Password
CMSS Customer Marketing and Service System	Front end to Service Order Systems	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, In-service quantities, Customer contract information, Feature equipment information, Monthly rates	User ID/Password
CNAS Circuit Network Administration System	Circuit design installation, maintenance, and reporting	Services and Equipment, Customer name, address, telephone number, class of service, network services utilized	User ID/Password restricted to non-sales personnel

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
COPS Customer Order Processing System	CPE ordering and billing	Services and Equipment, Customer name, address, telephone number, class of service, In-service quantities, Customer contract information, Feature equipment information, Monthly rates	User ID
CSIS Customer Service Information System	Access historical accrued billing data	Services and Equipment, Class of service, network services utilized, Itemized bill, Total billed revenue, Calling Patterns (jurisdiction only), In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID restricted to non-sales personnel
DMSS Direct Marketing Sales System	Delivers sales information from sales vendors to service reps for entry into ordering systems	Services and Equipment, Customer name, address, telephone number, class of service, Monthly rates	User ID/Password
EXACT Exchange Access Control and Tracking	Access ASR order processing	Services and Equipment, Customer name, address, telephone number, network services utilized	User ID/Password

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
MARK Mechanized Assignment Record Keeping	Allocates and assigns central office & outside plant facilities	Services and Equipment, Customer address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Feature equipment information	User ID/Password
MARKSOE Mechanized Assignment Record Keeping Service Order Entry	Service order entry front end to MARK	Services and Equipment, Customer address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Feature equipment information	User ID/Password
OPT-A-PRICE	Discounts existing tariff rates billed in CABS	Services and Equipment, Customer name, class of service, Usage data, Monthly rates	User ID/Password restricted to technical support personnel
PACS/PACMOD Provisioning Analysis Control System/Module	Data collection & provisioning interface for network elements	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Feature equipment information	User ID/Password

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
REVUNIT Revenue Unit	Revenue tracking	Services and Equipment, class of service, Total billed revenue, Customer contract information, Feature equipment information, Monthly rates	User ID restricted to non-sales personnel
SKS Select Knowledge System	Residential Customer Marketing Info	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns (not access MOU), In-service quantities, Usage data (not access MOU), Customer contract information, Feature equipment information, Monthly rates	User ID/Password restricted to Product Management personnel
SOLAR Service Order Load and Retrieval	California End user service order processing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Customer contract information (limited), Feature equipment information, Monthly rates	User ID

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
SOP/SOG Service Order Processor/Service Order Generator	Access service order processing and tracking	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Monthly rates	User ID/Password
SORCES Service Order Records Computer Entry System	End user service order processing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Customer contract information (limited), Feature equipment information, Monthly rates	User ID
TAS Trouble Administration System	Telephone and circuit problem reporting and tracking	Customer name, address, telephone number, class of service	User ID restricted to non-sales personnel
TUF Translator to USOCs and FIDs	Access service order work aid	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Monthly rates	User ID/Password

GTE CORPORATION (GTE)
ONA SERVICES DEPLOYMENT SCHEDULES

MAY 30, 1995

The attached deployment schedules reflect GTE projections concerning the status of hardware and software that are needed to technically allow deployment of identified ONA services.

Regulatory approvals, market and economic conditions, technological changes, capacity limitations and feature package availabilities are uncertain. Moreover, the data used for the projections contained in these schedules have been extracted from "live" databases. As is normally true for any large interactive working database, occasional errors and inconsistences occur. Thus to confirm availability of ONA services in specific wire centers, customers will need to contact GTE.

SUMMARY FOR MARKET AREA: Total Market Areas - BSA's

Total Access Lines in: Total Market Areas   Total   =   11678349

Percentage Availability of ONA Services By Date for: Total Market Areas Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	64.2%	64.3%	64.3%	64.3%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	64.2%	64.3%	64.3%	64.3%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	92.0%	92.0%	92.0%	92.1%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	85.6%	85.6%	85.6%	85.6%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	66.0%	65.9%	65.8%	65.7%
BSA	Dedicated Alert Transport	Alarm Signal	87.6%	87.5%	87.5%	87.5%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	48.4%	48.2%	48.0%	47.9%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Non Market Areas - BSA's

Total Access Lines in: Total   =   4480234

Percentage Availability of ONA Services By Date for   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	24.0%	24.0%	24.1%	24.1%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	24.0%	24.0%	24.1%	24.1%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	80.0%	80.0%	80.0%	80.0%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	53.5%	53.6%	53.6%	53.6%
BSA	Type H Ded > 1.54Mbps	Hi Cap DS3 Svc	22.4%	22.5%	22.6%	22.6%
BSA	Dedicated Alert Transport	Alarm Signal Transport	61.4%	61.5%	61.5%	61.6%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	6.5%	6.6%	6.7%	6.8%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Market Areas - BSE's

Total Access Lines in: Total Market Areas   Total   =   11678349

Percentage Availability of ONA Services By Date for Total Market Areas   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSE	Fast Select Accept Pkt	Fast Select	64.2%	64.3%	64.3%	64.3%
BSE	Fast Select Request Pkt	Fast Select	64.2%	64.3%	64.3%	64.3%
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSE	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	56.9%	78.3%	88.6%	90.2%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	56.9%	78.2%	88.5%	90.2%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	58.5%	79.4%	89.5%	91.2%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	56.1%	76.7%	86.8%	88.3%
BSE	CXR Select On Rvse Charg	800 Service	57.0%	78.3%	88.6%	90.3%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	56.1%	76.7%	86.8%	88.3%
BSE	MWI- Activation Audible	MWI Audible	54.4%	75.0%	85.1%	86.6%
BSE	Multiline Hunt Group	Hunt Group Arrangement	59.1%	80.5%	90.8%	92.5%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	58.0%	78.6%	88.7%	90.2%
BSE	MLHG - UCD With Queuing	Queuing	55.8%	76.4%	86.4%	87.9%
BSE	Three Way Call Transfer	User Transfer	57.2%	77.8%	87.9%	89.4%
BSE	Remote Call Forwarding	Foreign Exchange	59.0%	80.2%	90.4%	92.0%
BSE	Route Diversity	Diversity Routing	57.0%	78.3%	88.6%	90.3%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	58.3%	79.8%	90.1%	91.7%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	19.8%	20.4%	20.5%	20.8%
BSE		MegaConnect Svc (SMDS)	28.6%	28.6%	28.7%	28.8%
BSE		MWI Actvtn Audbl Rng Brst	24.8%	44.7%	54.6%	55.8%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Non Market Areas - BSE's

Total Access Lines in: Total   =   4480234

Percentage Availability of ONA Services By Date for   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSE	Fast Select Accept Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
BSE	Fast Select Request Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSE	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	46.3%	53.0%	69.0%	71.0%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	45.5%	52.2%	68.2%	70.2%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	57.3%	64.9%	80.9%	82.9%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	49.2%	56.6%	72.3%	74.3%
BSE	CXR Select On Rvse Charg	800 Service	46.3%	53.0%	69.0%	71.1%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	49.3%	56.7%	72.5%	74.4%
BSE	MWI- Activation Audible	MWI Audible	46.0%	53.2%	68.9%	70.9%
BSE	Multiline Hunt Group	Hunt Group Arrangement	59.6%	67.2%	83.2%	85.2%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	57.4%	65.0%	80.8%	82.8%
BSE	MLHG - UCD With Queuing	Queuing	43.9%	50.6%	66.4%	68.4%
BSE	Three Way Call Transfer	User Transfer	54.1%	61.6%	77.4%	79.4%
BSE	Remote Call Forwarding	Foreign Exchange	58.4%	66.0%	82.0%	83.9%
BSE	Route Diversity	Diversity Routing	46.3%	53.0%	69.0%	71.1%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	59.7%	67.3%	83.3%	85.3%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	20.8%	21.0%	21.2%	21.3%
BSE		MegaConnect Svc (SMDS)	7.8%	7.9%	7.9%	8.0%
BSE		MWI Actvtn Audbl Rng Brst	6.2%	12.3%	27.8%	29.7%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Market Areas - CNS's

Total Access Lines in: Total Market Areas   Total   = 11678349

Percentage Availability of ONA Services By Date for Total Market Areas   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	64.2%	64.3%	64.3%	64.3%
CNS	Fast Select Accept Pkt	Fast Select	64.2%	64.3%	64.3%	64.3%
CNS	Fast Select Request Pkt	Fast Select	64.2%	64.3%	64.3%	64.3%
CNS	Derived Ch (Monitoring)	ScanAlert	40.4%	40.2%	40.2%	40.1%
CNS	Automatic Callback	Automatic Busy Redial	57.6%	78.2%	88.3%	89.8%
CNS	Automatic Recall	Automatic Call Return	57.5%	78.1%	88.2%	89.7%
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	58.8%	80.2%	90.5%	92.1%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	34.1%	46.3%	55.5%	57.2%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	57.1%	78.5%	88.8%	90.4%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	58.8%	80.2%	90.5%	92.1%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	58.6%	80.0%	90.3%	92.0%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	58.7%	80.2%	90.4%	92.1%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	55.9%	76.4%	86.5%	88.0%
CNS	CF - Variable	Variable Cl Fwd'g	59.1%	80.6%	90.8%	92.5%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	12.1%	12.6%	12.7%	12.9%
CNS	CF Var - Remote Act/Cont	Remote Access-CF Variable	54.3%	74.8%	84.9%	86.4%
CNS	Call Waiting - Cancel	Cancel Call Waiting	58.1%	79.2%	89.5%	91.0%
CNS	Cllg DA Deliv via BCLID	Clg No. ID Delivy CLASS	54.9%	75.5%	85.6%	87.1%
CNS	Customer Originated Trace	Call Tracing Service	57.6%	78.2%	88.3%	89.8%
CNS	Distinctive Ringing	VIP Alert	57.2%	77.8%	87.9%	89.4%
CNS	Dist Ring Term Screen	Smart Ring	58.0%	79.1%	89.3%	90.8%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	59.1%	80.5%	90.8%	92.5%
CNS	MWI-ATR Audible Msg Wtg	Recieve Audible MWI	48.2%	68.8%	78.8%	80.3%
CNS	Selective Call Forward'g	Special Call Forwarding	57.2%	77.8%	87.9%	89.4%
CNS	Selective Call Rejection	Call Block	57.2%	77.8%	87.9%	89.4%
CNS	Speed Calling	Speed Cllg - 8 & 30 Nos.	59.1%	80.6%	90.8%	92.5%
CNS		Busy Number Redial	56.0%	76.6%	86.7%	88.2%
CNS		Saved Number Redial	32.6%	52.6%	62.5%	63.8%
CNS		Last Number Redial	56.0%	76.6%	86.7%	88.2%
CNS	Call Waiting	Call Waiting	58.2%	79.6%	89.9%	91.6%
CNS	Three Way Calling	Three Way Calling	58.1%	79.6%	89.9%	91.5%
CNS	Remote Call Forwarding	Remote Call Forwarding	57.9%	79.3%	89.6%	91.3%
CNS		Cll Frwd'g Fixed-All clls	58.1%	79.6%	89.9%	91.5%
CNS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	58.1%	79.5%	89.8%	91.4%
CNS		Special Call Waiting	45.6%	65.9%	75.9%	77.2%
CNS		Special Call Acceptance	45.6%	65.9%	75.9%	77.2%
CNS		Anonymous Call Rejection	12.6%	23.5%	32.4%	33.8%
CNS	3rd No. Bllg Inhidited	Blld No. Screen'g (BNS)	58.3%	79.8%	90.1%	91.7%
CNS		Call Restriction Service	58.3%	79.8%	90.1%	91.7%
CNS		MWI Abl Rcv Adbl Rng Brst	24.8%	44.7%	54.6%	55.8%
CNS		GTE Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust.Controllable Ringing	47.5%	57.9%	77.9%	79.3%

SUMMARY FOR MARKET AREA: Total Non Market Areas - CNS's

Total Access Lines in: Total   =   4480234

Percentage Availability of ONA Services By Date for   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	24.0%	24.0%	24.1%	24.1%
CNS	Fast Select Accept Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
CNS	Fast Select Request Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
CNS	Derived Ch (Monitoring)	ScanAlert	1.8%	1.8%	1.8%	1.8%
CNS	Automatic Callback	Automatic Busy Redial	55.2%	62.7%	78.5%	80.5%
CNS	Automatic Recall	Automatic Call Return	55.2%	62.7%	78.5%	80.5%
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	57.7%	65.3%	81.3%	83.3%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	52.4%	53.9%	65.6%	67.6%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	54.4%	61.8%	77.8%	79.8%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	57.4%	65.0%	81.0%	83.0%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	57.1%	64.6%	80.6%	82.7%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	57.1%	64.7%	80.7%	82.8%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	44.1%	50.8%	66.6%	68.6%
CNS	CF - Variable	Variable Cl Fwd'g	59.9%	67.5%	83.5%	85.5%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	10.0%	10.2%	10.3%	10.3%
CNS	CF Var - Remote Act/Cont	Remote Access-CF Variable	46.3%	53.5%	69.3%	71.2%
CNS	Call Waiting - Cancel	Cancel Call Waiting	57.6%	65.2%	81.0%	83.0%
CNS	Cllg DA Deliv via BCLID	Clg No. ID Delivy CLASS	45.8%	53.2%	69.0%	71.0%
CNS	Customer Originated Trace	Call Tracing Service	54.8%	62.4%	78.2%	80.2%
CNS	Distinctive Ringing	VIP Alert	55.1%	62.7%	78.5%	80.5%
CNS	Dist Ring Term Screen	Smart Ring	57.2%	64.8%	80.6%	82.6%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	59.4%	67.0%	83.0%	85.0%
CNS	MWI-ATR Audible Msg Wtg	Recieve Audible MWI	40.0%	47.3%	63.0%	65.0%
CNS	Selective Call Forward'g	Special Call Forwarding	55.0%	62.6%	78.4%	80.4%
CNS	Selective Call Rejection	Call Block	55.1%	62.7%	78.5%	80.4%
CNS	Speed Calling	Speed Cllg - 8 & 30 Nos.	59.9%	67.5%	83.5%	85.5%
CNS		Busy Number Redial	55.2%	62.7%	78.5%	80.5%
CNS		Saved Number Redial	15.8%	22.0%	37.6%	39.5%
CNS		Last Number Redial	55.6%	63.2%	79.0%	81.0%
CNS	Call Waiting	Call Waiting	59.5%	67.1%	83.1%	85.1%
CNS	Three Way Calling	Three Way Calling	59.6%	67.2%	83.2%	85.2%
CNS	Remote Call Forwarding	Remote Call Forwarding	57.7%	65.3%	81.3%	83.3%
CNS		Cll Frwd'g Fixed-All clls	59.7%	67.4%	83.4%	85.4%
CNS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	58.3%	65.9%	81.9%	83.9%
CNS		Special Call Waiting	52.1%	59.6%	75.4%	77.5%
CNS		Special Call Acceptance	52.1%	59.6%	75.4%	77.5%
CNS		Anonymous Call Rejection	33.7%	34.9%	46.3%	48.2%
CNS	3rd No. Bllg Inhidited	Blld No. Screen'g (BNS)	59.5%	67.1%	83.2%	85.2%
CNS		Call Restriction Service	59.5%	67.1%	83.2%	85.2%
CNS		MWI Abl Rcv Adbl Rng Brst	6.2%	12.3%	27.8%	29.7%
CNS		GTE Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust.Controllable Ringing	38.5%	45.8%	61.4%	63.3%

SUMMARY FOR MARKET AREA: ABILENE   TX

Total Access Lines in: ABILENE   Total   =   2012

Percentage Availability of ONA Services By Date for ABILENE   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	85.5%	85.5%	85.4%	85.3%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	85.5%	85.5%	85.4%	85.3%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Alert Transport	Alarm Signal	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	0.0%	0.0%	0.0%	0.0%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%
BSE	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSE	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	85.5%	85.5%	85.4%	85.3%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	85.5%	85.5%	85.4%	85.3%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	85.5%	85.5%	85.4%	85.3%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
BSE	CXR Select On Rvse Charg	800 Service	85.5%	85.5%	85.4%	85.3%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	0.0%	0.0%	0.0%	0.0%
BSE	MWI- Activation Audible	MWI Audible	0.0%	0.0%	0.0%	0.0%
BSE	Multiline Hunt Group	Hunt Group Arrangement	85.5%	85.5%	85.4%	85.3%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	85.5%	85.5%	85.4%	85.3%
BSE	MLHG - UCD With Queuing	Queuing	85.5%	85.5%	85.4%	85.3%
BSE	Three Way Call Transfer	User Transfer	85.5%	85.5%	85.4%	85.3%
BSE	Remote Call Forwarding	Foreign Exchange	85.5%	85.5%	85.4%	85.3%
BSE	Route Diversity	Diversity Routing	85.5%	85.5%	85.4%	85.3%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	85.5%	85.5%	85.4%	85.3%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	0.0%	0.0%	0.0%	0.0%
BSE		MegaConnect Svc (SMDS)	0.0%	0.0%	0.0%	0.0%
BSE		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	0.0%	0.0%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Derived Ch (Monitoring)	ScanAlert	0.0%	0.0%	0.0%	0.0%
CNS	Automatic Callback	Automatic Busy Redial	85.5%	85.5%	85.4%	85.3%
CNS	Automatic Recall	Automatic Call Return	85.5%	85.5%	85.4%	85.3%

SUMMARY FOR MARKET AREA: ABILENE   TX

Total Access Lines in: ABILENE   Total   =   2012

Percentage Availability of ONA Services By Date for ABILENE   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	85.5%	85.5%	85.4%	85.3%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	85.5%	85.5%	85.4%	85.3%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	85.5%	85.5%	85.4%	85.3%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	85.5%	85.5%	85.4%	85.3%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	85.5%	85.5%	85.4%	85.3%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	85.5%	85.5%	85.4%	85.3%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	85.5%	85.5%	85.4%	85.3%
CNS	CF - Variable	Variable Cl Fwd'g	85.5%	85.5%	85.4%	85.3%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	85.5%	85.5%	85.4%	85.3%
CNS	CF VAR - Remote Act/Cont	Remote Access-CF Variable	0.0%	0.0%	0.0%	0.0%
CNS	Call Waiting - Cancel	Cancel Call Waiting	85.5%	85.5%	85.4%	85.3%
CNS	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
CNS	Customer Originated Trace	Call Tracing Service	85.5%	85.5%	85.4%	85.3%
CNS	Distinctive Ringing	VIP Alert	85.5%	85.5%	85.4%	85.3%
CNS	Dist Ring Term Screen	Smart Ring	85.5%	85.5%	85.4%	85.3%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	85.5%	85.5%	85.4%	85.3%
CNS	MWI-ATR Aubible Msg Wtg	Receive Audible MWI	0.0%	0.0%	0.0%	0.0%
CNS	Selective Call Forward'g	Special Call Forwarding	85.5%	85.5%	85.4%	85.3%
CNS	Selective Call Rejection	Call Block	85.5%	85.5%	85.4%	85.3%
CNS	Speed Calling	Speed Cllg - 8 & 30 Nos.	85.5%	85.5%	85.4%	85.3%
CNS		Busy Number Redial	85.5%	85.5%	85.4%	85.3%
CNS		Saved Number Redial	0.0%	0.0%	0.0%	0.0%
CNS		Last Number Redial	85.5%	85.5%	85.4%	85.3%
CNS	Call Waiting	Call Waiting	85.5%	85.5%	85.4%	85.3%
CNS	Three Way Calling	Three Way Calling	85.5%	85.5%	85.4%	85.3%
CNS	Remote Call Forwarding	Remote Call Forwarding	85.5%	85.5%	85.4%	85.3%
CNS		Cll Frwd'g Fixed-All clls	85.5%	85.5%	85.4%	85.3%
CNS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	85.5%	85.5%	85.4%	85.3%
CNS		Special Call Waiting	85.5%	85.5%	85.4%	85.3%
CNS		Special Call Acceptance	85.5%	85.5%	85.4%	85.3%
CNS		Anonymous Call Rejection	85.5%	85.5%	85.4%	85.3%
CNS	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	85.5%	85.5%	85.4%	85.3%
CNS		Call Restriction Service	85.5%	85.5%	85.4%	85.3%
CNS		MWI Abl Rcv Adbl Rng Brst	0.0%	0.0%	0.0%	0.0%
CNS		GTE Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust.Controllable Ringing	85.5%	85.5%	85.4%	85.3%

SUMMARY FOR MARKET AREA: ALBUQUERQUE   NM

Total Access Lines in: ALBUQUERQUE   Total   =   2282

Percentage Availability of ONA Services By Date for ALBUQUERQUE   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	95.5%	95.5%	95.5%	95.4%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	24.1%	24.4%	24.8%	25.3%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Alert Transport	Alarm Signal	41.9%	41.3%	41.0%	40.6%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	0.0%	0.0%	0.0%	0.0%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%
BSE	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSE	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	100.0%	100.0%	100.0%	100.0%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	100.0%	100.0%	100.0%	100.0%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	100.0%	100.0%	100.0%	100.0%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
BSE	CXR Select On Rvse Charg	800 Service	100.0%	100.0%	100.0%	100.0%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	0.0%	0.0%	0.0%	0.0%
BSE	MWI- Activation Audible	MWI Audible	0.0%	0.0%	0.0%	0.0%
BSE	Multiline Hunt Group	Hunt Group Arrangement	100.0%	100.0%	100.0%	100.0%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	100.0%	100.0%	100.0%	100.0%
BSE	MLHG - UCD With Queuing	Queuing	100.0%	100.0%	100.0%	100.0%
BSE	Three Way Call Transfer	User Transfer	100.0%	100.0%	100.0%	100.0%
BSE	Remote Call Forwarding	Foreign Exchange	100.0%	100.0%	100.0%	100.0%
BSE	Route Diversity	Diversity Routing	100.0%	100.0%	100.0%	100.0%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	0.0%	0.0%	0.0%	0.0%
BSE		MegaConnect Svc (SMDS)	0.0%	0.0%	0.0%	0.0%
BSE		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	0.0%	0.0%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Derived Ch (Monitoring)	ScanAlert	0.0%	0.0%	0.0%	0.0%
CNS	Automatic Callback	Automatic Busy Redial	100.0%	100.0%	100.0%	100.0%
CNS	Automatic Recall	Automatic Call Return	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ALBUQUERQUE   NM

Total Access Lines in: ALBUQUERQUE   Total   =   2282

Percentage Availability of ONA Services By Date for ALBUQUERQUE   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	100.0%	100.0%	100.0%	100.0%
CNS	CF - Variable	Variable Cl Fwd'g	100.0%	100.0%	100.0%	100.0%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS	CF VAR - Remote Act/Cont	Remote Access-CF Variable	0.0%	0.0%	0.0%	0.0%
CNS	Call Waiting - Cancel	Cancel Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
CNS	Customer Originated Trace	Call Tracing Service	100.0%	100.0%	100.0%	100.0%
CNS	Distinctive Ringing	VIP Alert	100.0%	100.0%	100.0%	100.0%
CNS	Dist Ring Term Screen	Smart Ring	100.0%	100.0%	100.0%	100.0%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	100.0%	100.0%	100.0%	100.0%
CNS	MWI-ATR Aubible Msg Wtg	Receive Audible MWI	0.0%	0.0%	0.0%	0.0%
CNS	Selective Call Forward'g	Special Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS	Selective Call Rejection	Call Block	100.0%	100.0%	100.0%	100.0%
CNS	Speed Calling	Speed Cllg - 8 & 30 Nos.	100.0%	100.0%	100.0%	100.0%
CNS		Busy Number Redial	100.0%	100.0%	100.0%	100.0%
CNS		Saved Number Redial	0.0%	0.0%	0.0%	0.0%
CNS		Last Number Redial	100.0%	100.0%	100.0%	100.0%
CNS	Call Waiting	Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS	Three Way Calling	Three Way Calling	100.0%	100.0%	100.0%	100.0%
CNS	Remote Call Forwarding	Remote Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS		Cll Frwd'g Fixed-All clls	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	100.0%	100.0%	100.0%	100.0%
CNS		Special Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS		Special Call Acceptance	100.0%	100.0%	100.0%	100.0%
CNS		Anonymous Call Rejection	100.0%	100.0%	100.0%	100.0%
CNS	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
CNS		Call Restriction Service	100.0%	100.0%	100.0%	100.0%
CNS		MWI Abl Rcv Adbl Rng Brst	0.0%	0.0%	0.0%	0.0%
CNS		GTE Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust.Controllable Ringing	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ALLENTOWN-BETHLEHEM   PA

Total Access Lines in: ALLENTOWN-BETHLEHEM Total   =   20063

Percentage Availability of ONA Services By Date for ALLENTOWN-BETHLEHEM   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	83.3%	83.2%	83.0%	82.9%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	83.3%	83 2%	83.0%	82.9%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	0.0%	0 0%	0.0%	0.0%
BSA	Dedicated Alert Transport	Alarm Signal	100.0%	100 0%	100.0%	100.0%
BSA	Dedicated Network Access	Data Link	100.0%	100 0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	0.0%	0.0%	0.0%	0.0%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%
BSE	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSE	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	100.0%	100.0%	100.0%	100.0%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	100.0%	100.0%	100.0%	100.0%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	100.0%	100.0%	100.0%	100.0%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
BSE	CXR Select On Rvse Charg	800 Service	100.0%	100.0%	100.0%	100.0%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	0.0%	0.0%	0.0%	0.0%
BSE	MWI- Activation Audible	MWI Audible	0.0%	0.0%	0.0%	0.0%
BSE	Multiline Hunt Group	Hunt Group Arrangement	100.0%	100.0%	100.0%	100.0%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	100.0%	100.0%	100.0%	100.0%
BSE	MLHG - UCD With Queuing	Queuing	100.0%	100.0%	100.0%	100.0%
BSE	Three Way Call Transfer	User Transfer	100.0%	100.0%	100.0%	100.0%
BSE	Remote Call Forwarding	Foreign Exchange	100.0%	100.0%	100.0%	100.0%
BSE	Route Diversity	Diversity Routing	100.0%	100.0%	100.0%	100.0%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	0.0%	0.0%	0.0%	0.0%
BSE		MegaConnect Svc (SMDS)	0.0%	0.0%	0.0%	0.0%
BSE		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	0.0%	0.0%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Derived Ch (Monitoring)	ScanAlert	0.0%	0.0%	0.0%	0.0%
CNS	Automatic Callback	Automatic Busy Redial	100.0%	100.0%	100.0%	100.0%
CNS	Automatic Recall	Automatic Call Return	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ALLENTOWN-BETHLEHEM   PA

Total Access Lines in: ALLENTOWN-BETHLEHEM Total   =   20063

Percentage Availability of ONA Services By Date for ALLENTOWN-BETHLEHEM Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	100.0%	100.0%	100.0%	100.0%
CNS	CF - Variable	Variable Cl Fwd'g	100.0%	100.0%	100.0%	100.0%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS	CF VAR - Remote Act/Cont	Remote Access-CF Variable	0.0%	0.0%	0.0%	0.0%
CNS	Call Waiting - Cancel	Cancel Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
CNS	Customer Originated Trace	Call Tracing Service	100.0%	100.0%	100.0%	100.0%
CNS	Distinctive Ringing	VIP Alert	100.0%	100.0%	100.0%	100.0%
CNS	Dist Ring Term Screen	Smart Ring	100.0%	100.0%	100.0%	100.0%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	100.0%	100.0%	100.0%	100.0%
CNS	MWI-ATR Aubible Msg Wtg	Receive Audible MWI	0.0%	0.0%	0.0%	0.0%
CNS	Selective Call Forward'g	Special Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS	Selective Call Rejection	Call Block	100.0%	100.0%	100.0%	100.0%
CNS	Speed Calling	Speed Cllg - 8 & 30 Nos.	100.0%	100.0%	100.0%	100.0%
CNS		Busy Number Redial	100.0%	100.0%	100.0%	100.0%
CNS		Saved Number Redial	0.0%	0.0%	0.0%	0.0%
CNS		Last Number Redial	100.0%	100.0%	100.0%	100.0%
CNS	Call Waiting	Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS	Three Way Calling	Three Way Calling	100.0%	100.0%	100.0%	100.0%
CNS	Remote Call Forwarding	Remote Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS		Cll Frwd'g Fixed-All clls	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	100.0%	100.0%	100.0%	100.0%
CNS		Special Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS		Special Call Acceptance	100.0%	100.0%	100.0%	100.0%
CNS		Anonymous Call Rejection	100.0%	100.0%	100.0%	100.0%
CNS	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
CNS		Call Restriction Service	100.0%	100.0%	100.0%	100.0%
CNS		MWI Abl Rcv Adbl Rng Brst	0.0%	0.0%	0.0%	0.0%
CNS		GTE Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust Controllable Ringing	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ANN ARBOR   MI

Total Access Lines in: ANN ARBOR   Total   =   46164

Percentage Availability of ONA Services By Date for ANN ARBOR   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	98.0%	98.0%	98.0%	98.0%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	80.8%	80.9%	81.0%	81.1%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	63.7%	63.8%	64.0%	64.1%
BSA	Dedicated Alert Transport	Alarm Signal	89.6%	89.7%	89.8%	89.9%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	55.7%	55.9%	56.1%	56.3%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%
BSE	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSE	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSE	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	2.8%	20.9%	88.7%	88.8%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	2.8%	20.9%	88.7%	88.8%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	10.8%	28.9%	96.6%	96.7%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	11.6%	29.5%	97.2%	97.1%
BSE	CXR Select On Rvse Charg	800 Service	2.8%	20.9%	88.7%	88.8%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	11.6%	29.5%	97.2%	97.1%
BSE	MWI- Activation Audible	MWI Audible	11.6%	29.5%	97.2%	97.1%
BSE	Multiline Hunt Group	Hunt Group Arrangement	14.4%	32.4%	100.0%	100.0%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	14.4%	32.4%	100.0%	100.0%
BSE	MLHG - UCD With Queuing	Queuing	2.8%	20.9%	88.7%	88.8%
BSE	Three Way Call Transfer	User Transfer	10.8%	28.9%	96.6%	96.7%
BSE	Remote Call Forwarding	Foreign Exchange	14.4%	32.4%	100.0%	100.0%
BSE	Route Diversity	Diversity Routing	2.8%	20.9%	88.7%	88.8%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	14.4%	32.4%	100.0%	100.0%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	0.0%	18.1%	18.4%	18.7%
BSE		MegaConnect Svc (SMDS)	0.0%	0.0%	0.0%	0.0%
BSE		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	62.9%	62.8%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
CNS	Derived Ch (Monitoring)	ScanAlert	0.0%	0.0%	0.0%	0.0%
CNS	Automatic Callback	Automatic Busy Redial	14.4%	32.4%	100.0%	100.0%
CNS	Automatic Recall	Automatic Call Return	14.4%	32.4%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ANN ARBOR   MI

Total Access Lines in: ANN ARBOR   Total   =   46164

Percentage Availability of ONA Services By Date for ANN ARBOR   Total

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	14.4%	32.4%	100.0%	100.0%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	14.4%	32.4%	83.0%	83.1%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	14.4%	32.4%	100.0%	100.0%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	14.4%	32.4%	100.0%	100.0%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	14.4%	32.4%	100.0%	100.0%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	14.4%	32.4%	100.0%	100.0%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	2.8%	20.9%	88.7%	88.8%
CNS	CF - Variable	Variable Cl Fwd'g	14.4%	32.4%	100.0%	100.0%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	2.8%	20.9%	21.3%	21.5%
CNS	CF VAR - Remote Act/Cont	Remote Access-CF Variable	11.6%	29.5%	97.2%	97.1%
CNS	Call Waiting - Cancel	Cancel Call Waiting	14.4%	32.4%	100.0%	100.0%
CNS	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	11.6%	29.5%	97.2%	97.1%
CNS	Customer Originated Trace	Call Tracing Service	14.4%	32.4%	100.0%	100.0%
CNS	Distinctive Ringing	VIP Alert	14.4%	32.4%	100.0%	100.0%
CNS	Dist Ring Term Screen	Smart Ring	14.4%	32.4%	100.0%	100.0%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	14.4%	32.4%	100.0%	100.0%
CNS	MWI-ATR Aubible Msg Wtg	Receive Audible MWI	11.6%	29.5%	92.6%	92.6%
CNS	Selective Call Forward'g	Special Call Forwarding	14.4%	32.4%	100.0%	100.0%
CNS	Selective Call Rejection	Call Block	14.4%	32.4%	100.0%	100.0%
CNS	Speed Calling	Speed Cllg - 8 & 30 Nos.	14.4%	32.4%	100.0%	100.0%
CNS		Busy Number Redial	14.4%	32.4%	100.0%	100.0%
CNS		Saved Number Redial	0.0%	0.0%	67.5%	67.3%
CNS		Last Number Redial	14.4%	32.4%	100.0%	100.0%
CNS	Call Waiting	Call Waiting	14.4%	32.4%	100.0%	100.0%
CNS	Three Way Calling	Three Way Calling	14.4%	32.4%	100.0%	100.0%
CNS	Remote Call Forwarding	Remote Call Forwarding	14.4%	32.4%	100.0%	100.0%
CNS		Cll Frwd'g Fixed-All clls	14.4%	32.4%	100.0%	100.0%
CNS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	14.4%	32.4%	100.0%	100.0%
CNS		Special Call Waiting	14.4%	14.2%	81.6%	81.3%
CNS		Special Call Acceptance	14.4%	14.2%	81.6%	81.3%
CNS		Anonymous Call Rejection	10.8%	10.7%	56.6%	56.5%
CNS	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	14.4%	32.4%	100.0%	100.0%
CNS		Call Restriction Service	14.4%	32.4%	100.0%	100.0%
CNS		MWI Abl Rcv Adbl Rng Brst	0.0%	0.0%	62.9%	62.8%
CNS		GTE Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust Controllable Ringing	14.4%	32.4%	100.0%	100.0%